

AMENDMENTS TO THE SPECIFICATION

Please amend the paragraph beginning on line 6 of page 3 as follows:

g) repeating the above steps c) to f) N M times with N having a value of 1 to M so that at the end of M steps, test vectors T_1 to T_M are saved;

Please amend the paragraph beginning on line 7 of page 5 as follows:

At the end of the stage 1, the method involves stage 2 wherein duplicate vector patterns are removed from the vector pattern list T_N . In this case the original fault list F_O is again copied and denoted as fault list G_N (step 14). In the next step in stage 2, step 16, the vector set T_N is fault simulated against the fault list G_N and any vectors which result in no faults being found are deleted. After the fault simulation, the resulting vector set is saved as V_N and the list of undetected faults is saved as G_{N+1} G_{N-1} . Stage 2 is repeated M plus 1 times, with N taking values M down to zero where M is 10.